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ABSTRACT

An implantable sensor includes a biosensor, integrated circuitry to operate the biosensor and an antenna to transmit data collected from the biosensor. The sensor does not include an internal power source and instead receives power from an external source in the form of RF energy. The RF energy is received by the sensor, rectified, and used as a DC source. The sensor is implanted in a subcutaneous location to allow the biosensor to measure desired characteristics.